

FIG. 2

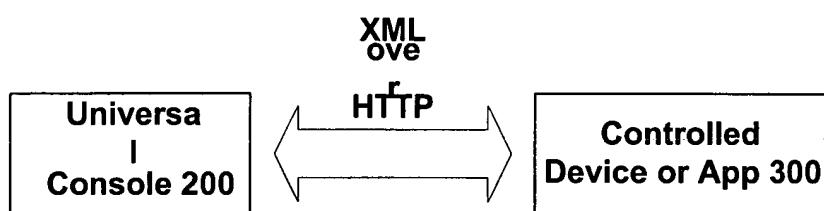


FIG. 3

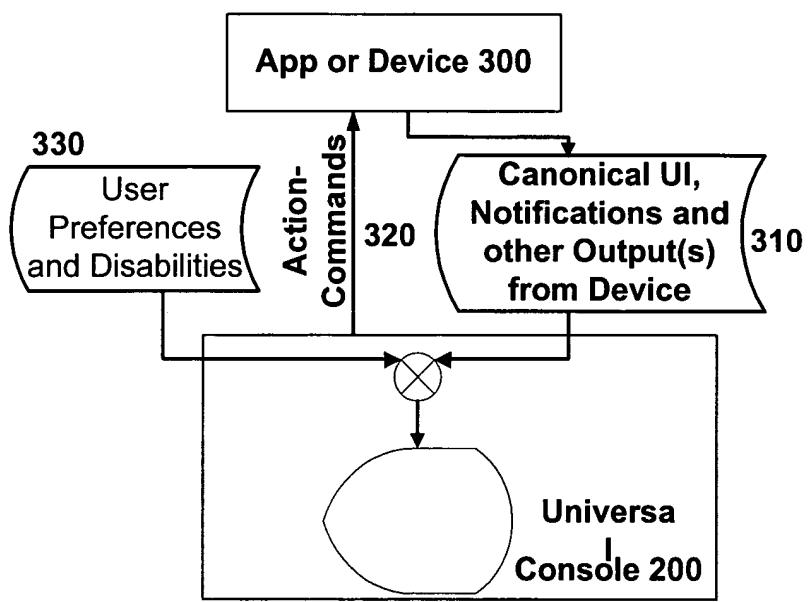


FIG. 4A

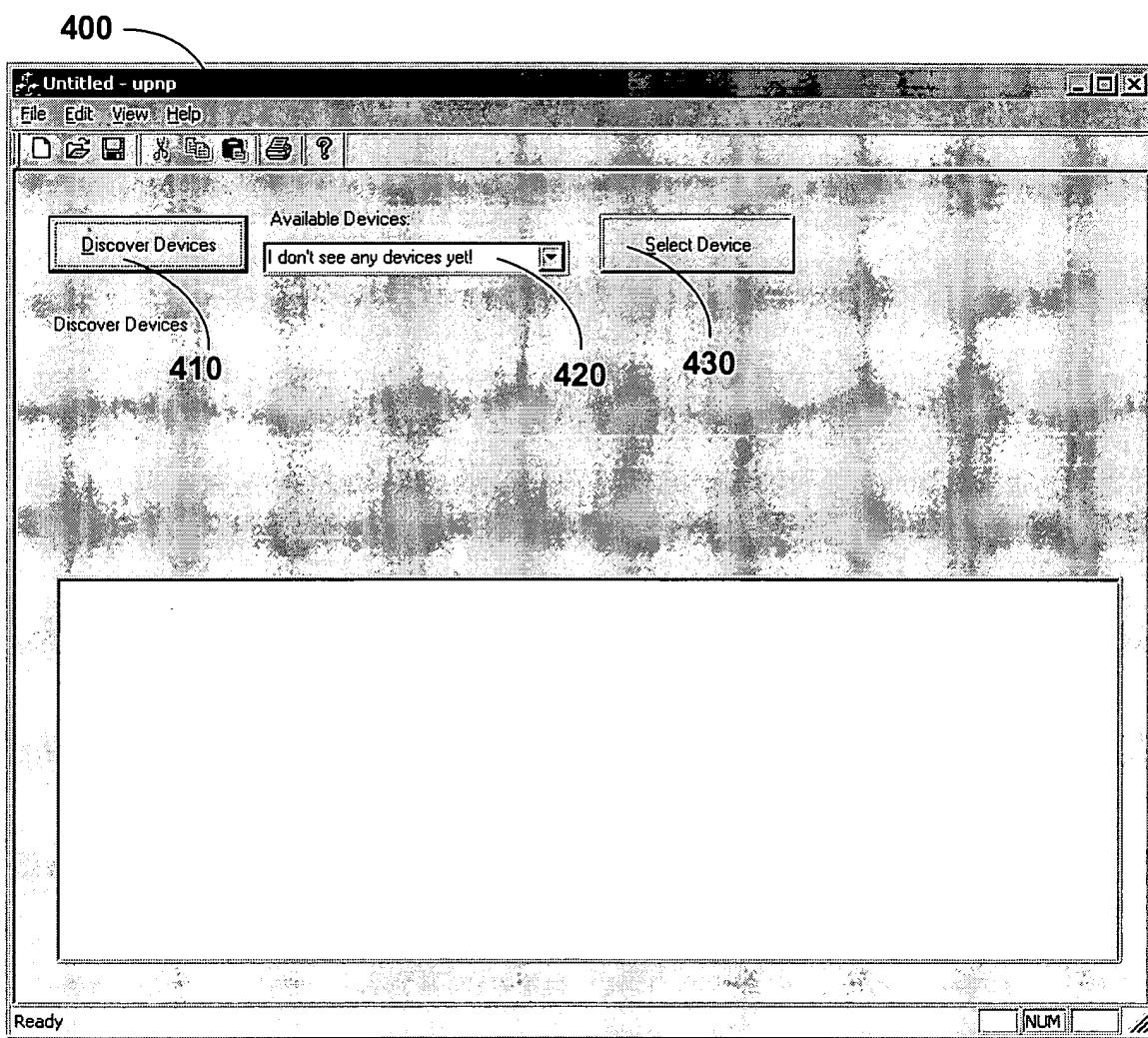


FIG. 4B

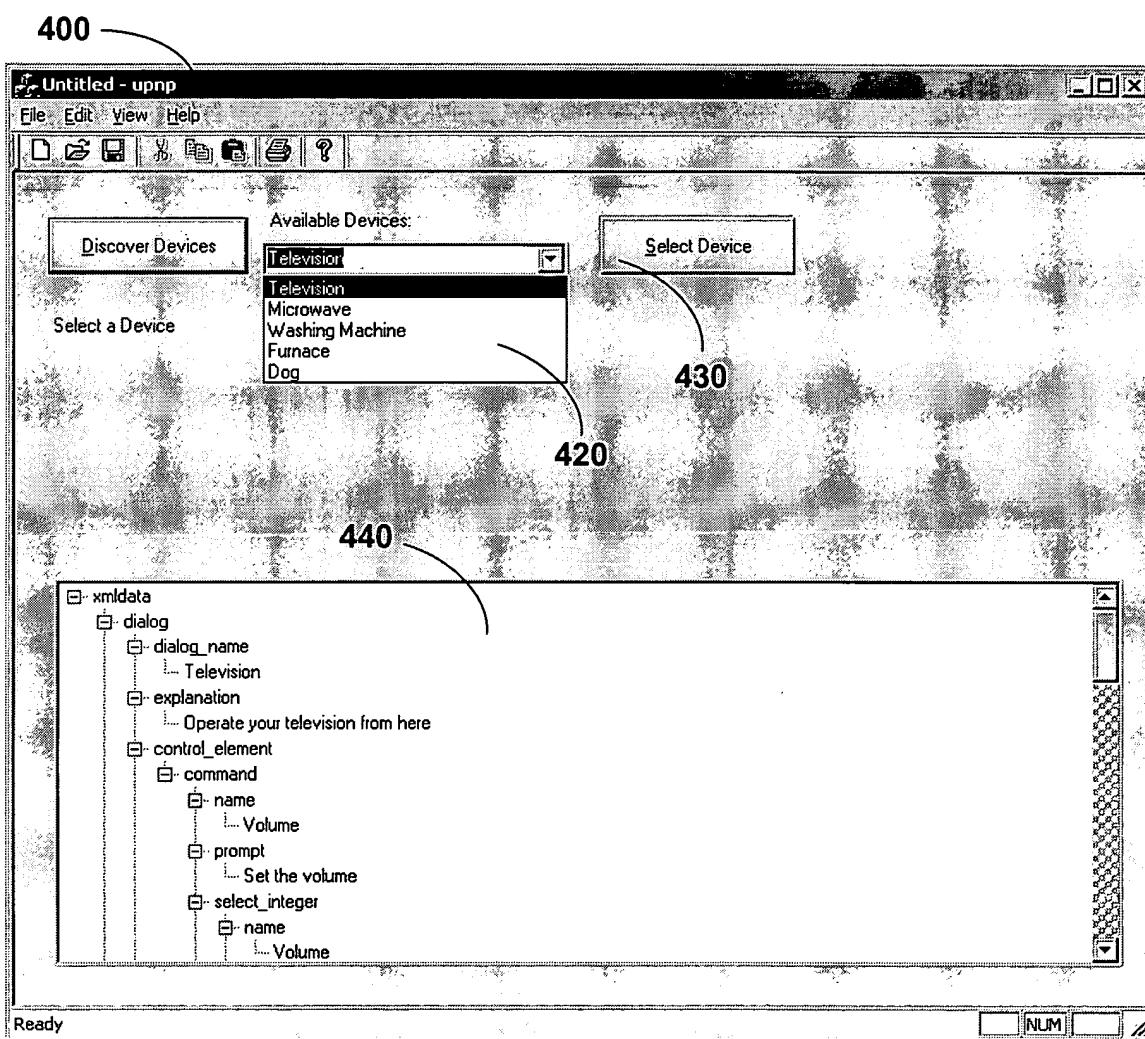


FIG. 4C

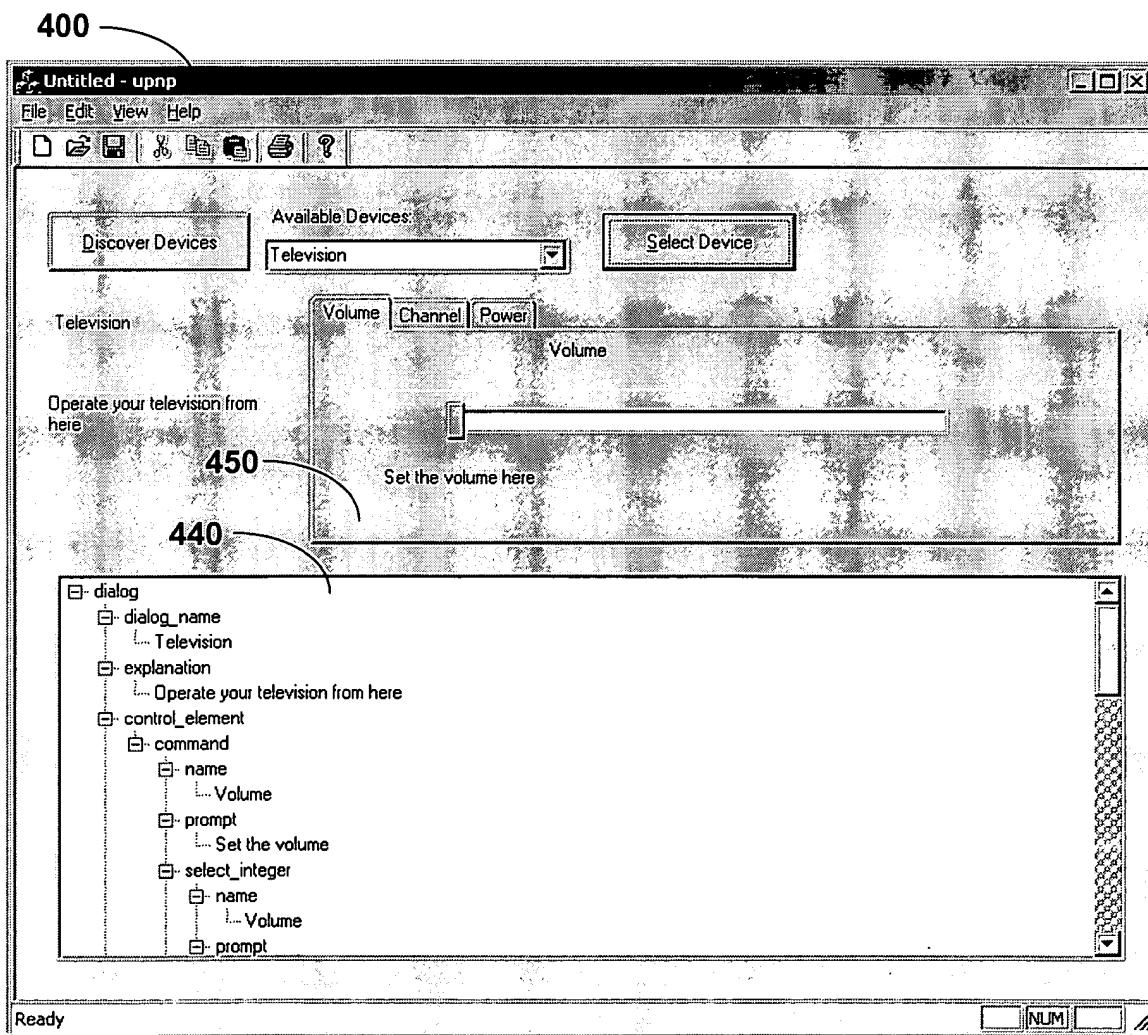
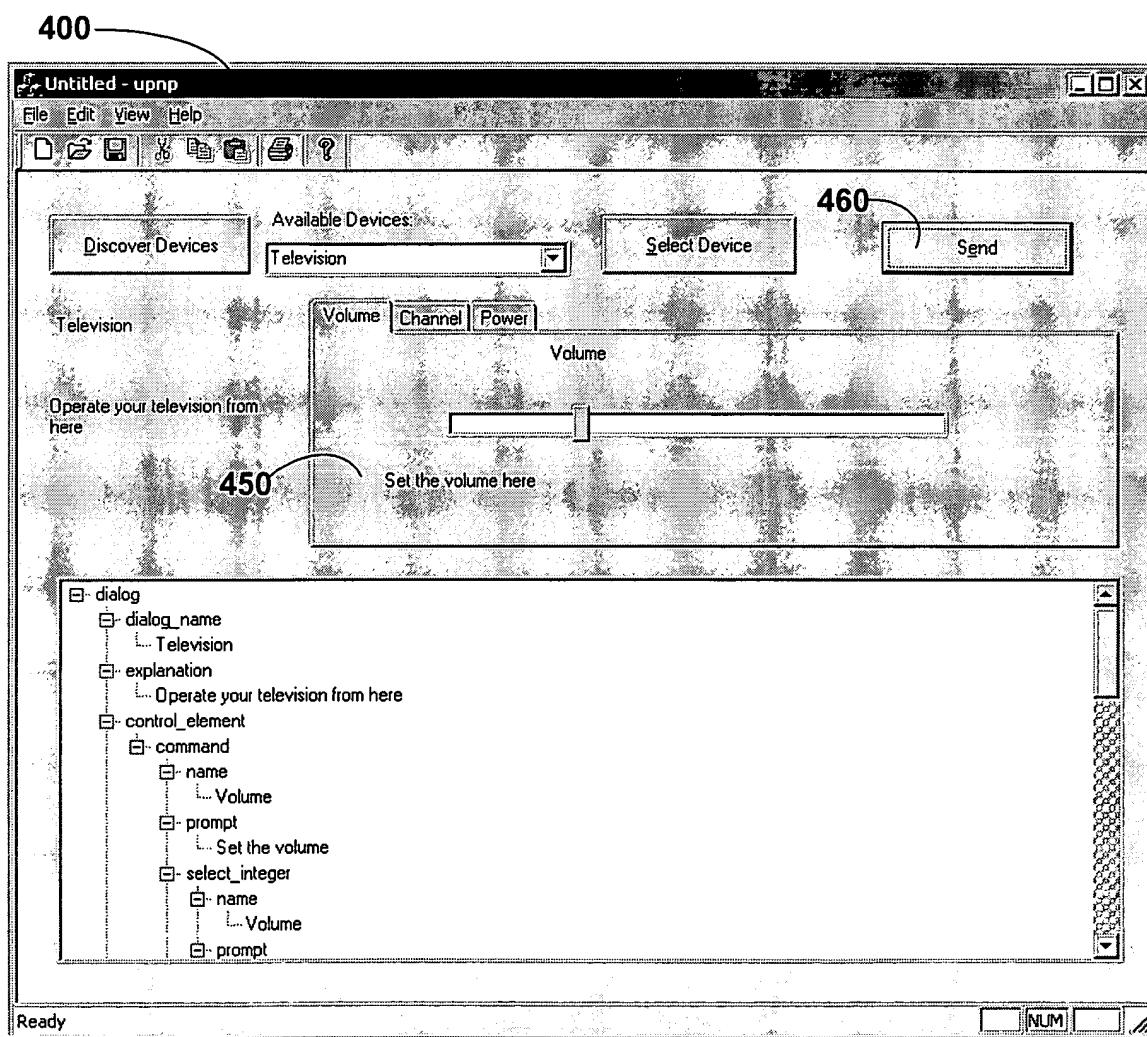


FIG. 4D



500

User Runs UC Software on a PC or other Device

510

User Requests Available Devices for Control

520

Choose a Device to Control from Available Devices

530

Send Canonical UI Description to UC

540

UC Constructs Concrete UI Based In Part On Stored User Preferences

550

User Interacts with Concrete UI

FIG. 5

b

580

Optional Notifications and/or Requested Information

570

Controlled Device Carries Out Action-Command

a

560

Send Action-Command